

Laboratory	Chemical and Metallurgical Laboratories, #57, 1st Floor, 8th Main, Petechannappa Industrial Estate, Kamakshipalya, Magadi Road, Bangalore, Karnataka Location 1: # 57, 1 st Floor, 8 th Main, Petechannappa Industrial Estate, Kamakshipalya, Magadi Road, Bangalore, Karnataka Location 2: # 36/1, 12 th Main, 17 th Ward, Puttaiah Road, Vrushbhavathi Nagar, Bangalore, Karnataka		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	13.07.2014
Certificate Number	T-1757	Valid Until	12.07.2016
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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
Location 1				
I. MECHANICAL PROPERTIES OF MATERIALS				
1.	Metallic Materials	Brinell Hardness Test (HBW) 2.5/187.5 & 5/250	IS 1500 : 2005 ISO 6506(1) :1999	150 to 400 HBW
		Rockwell Hardness Test	IS 1586 : 2000 (RA 2006)	20 to 70 HRC 30 to 90 HRA 40 to 90 HRB
2.	Hard metals	Vickers Hardness Test	IS 1501:2002 ISO 65007(1):1997 IS: 12783: 1989	10 to 1200 HV
3.	Metallic Sheet & Strips	Erichsen Cupping Test	IS 10175 (Part 1) : 1993 (RA 2009) ISO 8490:1986 (RA 2003)	0.2 to 2 mm Thick
II. PLASTICS, RUBBER AND LEATHER				
1.	Plastics	Shore Hardness D	ASTM D 2240:2010	10 to 100 6 mm min Thickness

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Location 2				
I. MECHANICAL PROPERTIES OF MATERIALS				
1.	Metallic Materials	Ultimate Tensile Strength, Yield Strength/ 0.2% Proof stress, % Elongation, Reduction in Area	IS 1608:2005 ISO 6892:1998	Upto 400 kN Upto 68% Upto 70%
		Ultimate Tensile Strength, Yield Strength, % Elongation, % Reduction in Area	IS 1608 :2005 ISO 6892-1998	Upto 50 kN Upto 68% Upto 70%
		Bend Test	IS 1599 : 2012 ISO 7438:2005	16 mm, 24 mm, 32 mm, 48 mm & 60 mm dia Mandrel up to 400 kN
2.	Fusion Welded Joints	Transverse Root Bend, Face Bend on Butt Weld	IS 3600 (Part 5) : 1983 (RA 2006)	16 mm, 24 mm, 32 mm, 48 mm & 60 mm dia Mandrel: Upto 400 kN

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